

ABSTRACT OF THE DISCLOSURE

A supply generator for an oscillating circuit, includes an inductance (L) and a resonant capacitor (C<sub>3</sub>, C<sub>4</sub>), for operation at a fixed frequency and also includes at least one pair of transistors (I<sub>2</sub>, I<sub>2</sub>), operated on a variable cyclic regime for modifying the power. The generator includes a first diode (D<sub>5</sub>) between a first transistor (I<sub>2</sub>) and the supply for the generator and a second diode (D<sub>4</sub>) between the junction point of the inductance (L) and the resonant capacitor (C<sub>3</sub>, C<sub>4</sub>) and the junction point of the first transistor (I<sub>2</sub>) and the first diode (D<sub>5</sub>). The invention is of particular use for supply of the cooking rings on an induction cooking hob.